

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071224AL\
 Data File : FC066787.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2024 16:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: autoint1.e
 Quant Time: Jul 13 01:53:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.523	3164122	18.344 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	12.961	2399346	17.389 ug/ml
Spiked Amount 50.000		Recovery =	34.78%
Target Compounds			
1) T n-Nonane (C9)	3.289	2843780	19.573 ug/ml
2) T n-Decane (C10)	4.355	3008151	20.167 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3253729	20.040 ug/ml
4) T n-Dodecane (C12)	6.373	3058526	20.181 ug/ml
5) T A~2-methylnaphthalene...	6.992	3143531	19.787 ug/ml
6) T n-Tetradecane (C14)	8.168	3044250	20.069 ug/ml
7) T n-Hexadecane (C16)	9.768	3160640	19.731 ug/ml
8) T n-Octadecane (C18)	11.210	3123084	18.822 ug/ml
10) T n-Eicosane (C20)	12.519	2926241	18.000 ug/ml
11) T n-Heneicosane (C21)	13.130	2841360	17.635 ug/ml
13) T n-Docosane (C22)	13.716	2810714	17.532 ug/ml
14) T n-Tetracosane (C24)	14.819	2781327	17.525 ug/ml
15) T n-Hexacosane (C26)	15.838	2770119	18.142 ug/ml
16) T n-Octacosane (C28)	16.788	2814169	19.509 ug/ml
17) T n-Tricontane (C30)	17.675	3090198	22.118 ug/ml
18) T n-Dotriacontane (C32)	18.507	3143876	23.822 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2906483	23.501 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2676548	22.208 ug/mlm
21) T n-Octatriacontane (C38)	20.759	2522283	22.058 ug/ml
22) T n-Tetracontane (C40)	21.653	2449845	21.813 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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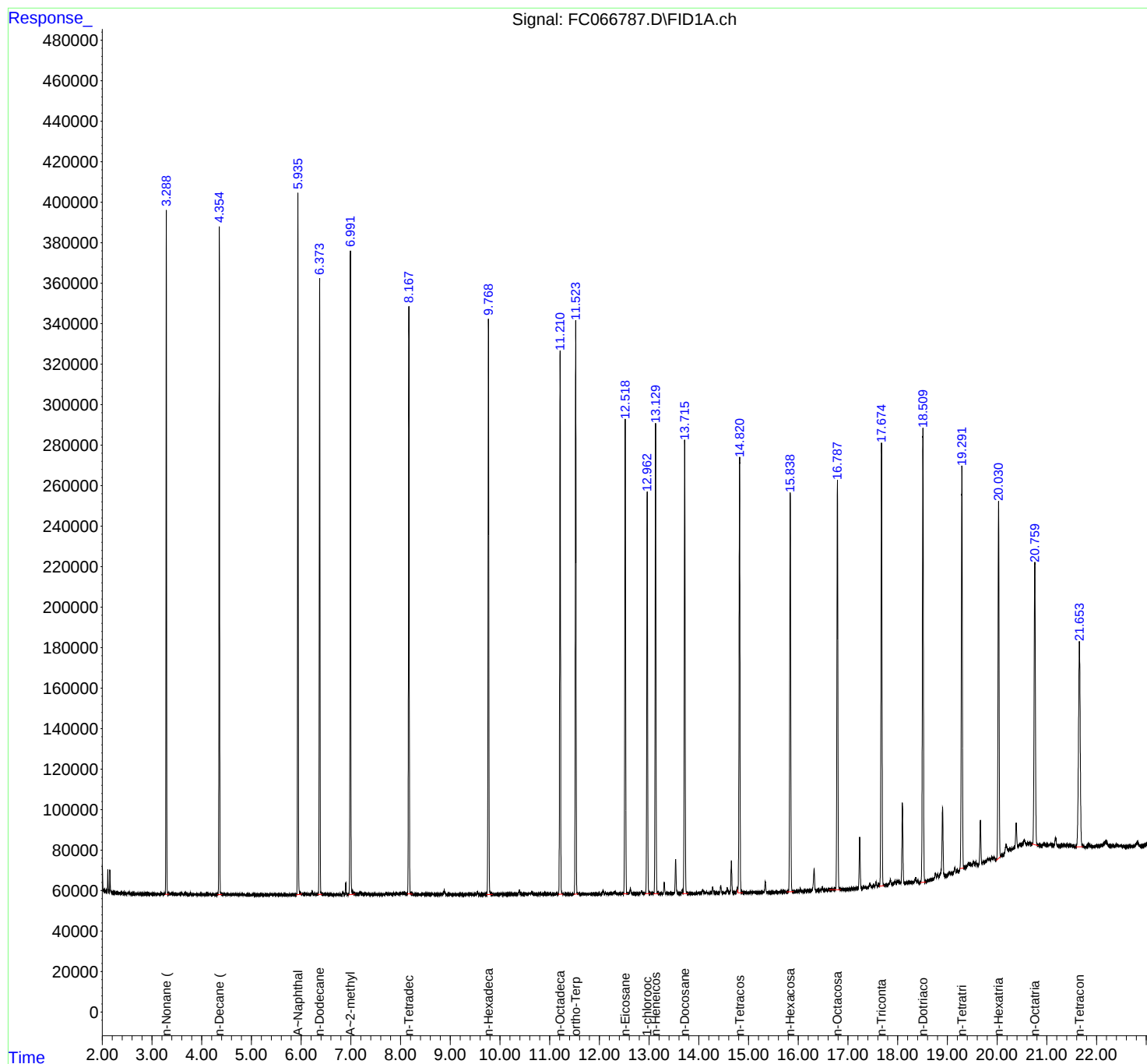
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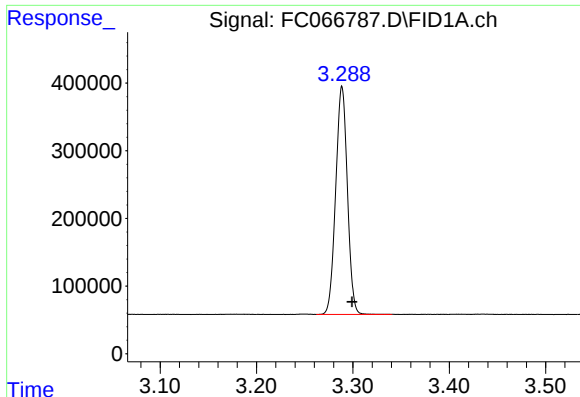
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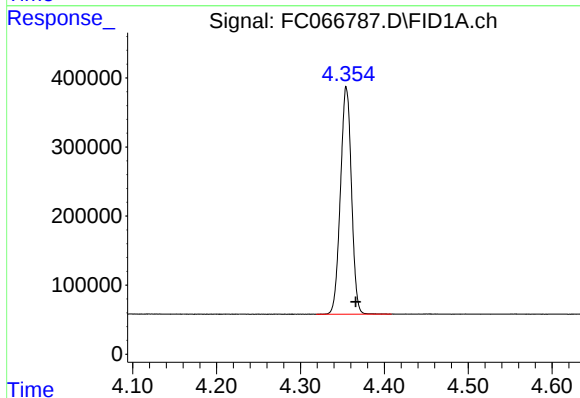
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 2843780
Conc: 19.57 ug/ml

Instrument :
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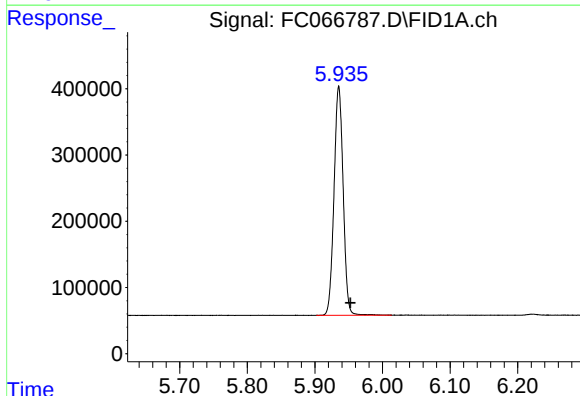
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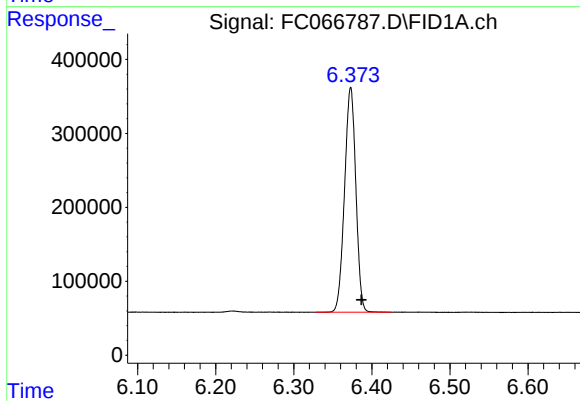
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 3008151
Conc: 20.17 ug/ml



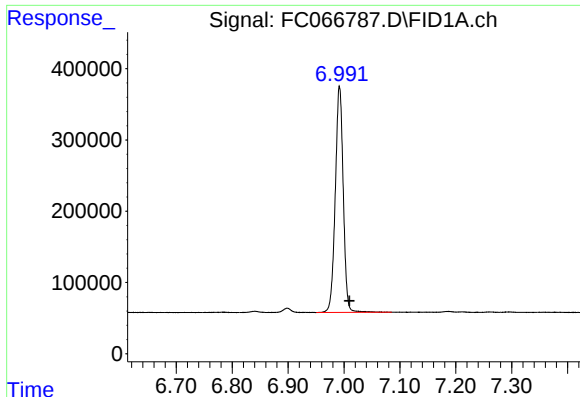
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.017 min
Response: 3253729
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.014 min
Response: 3058526
Conc: 20.18 ug/ml



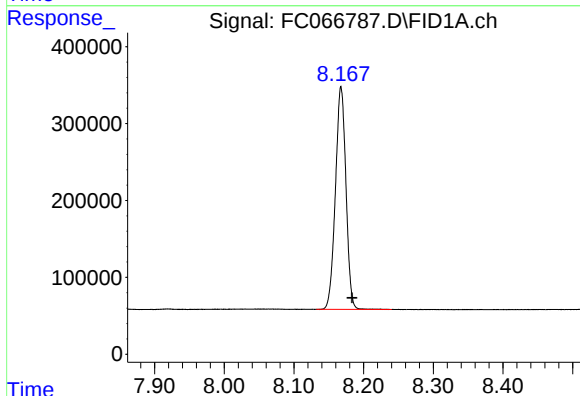
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.018 min
Response: 3143531
Conc: 19.79 ug/ml

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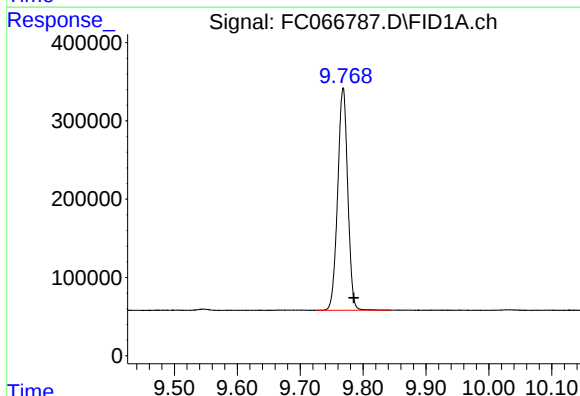
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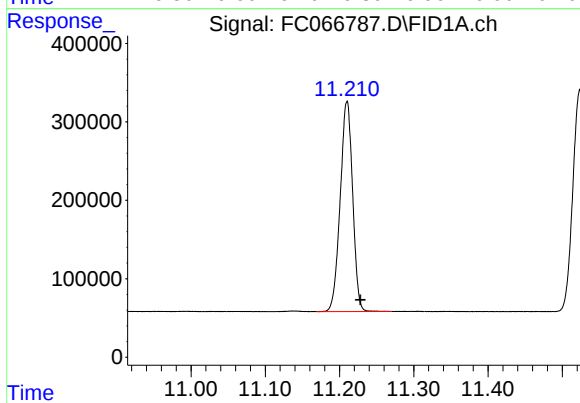
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.016 min
Response: 3044250
Conc: 20.07 ug/ml



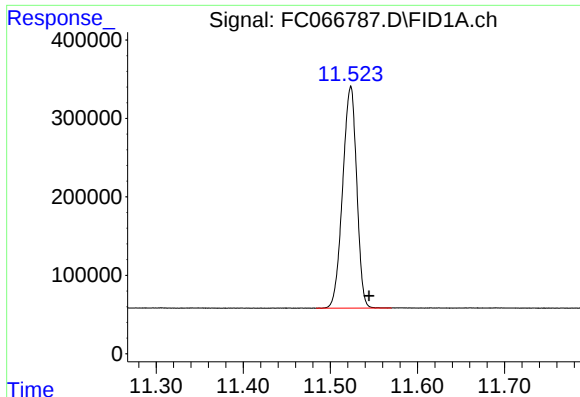
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.017 min
Response: 3160640
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.018 min
Response: 3123084
Conc: 18.82 ug/ml



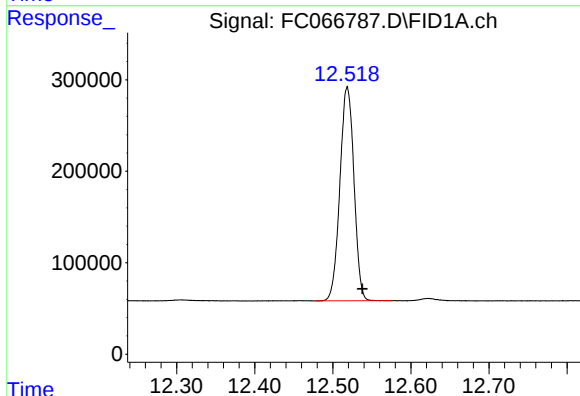
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.021 min
Response: 3164122
Conc: 18.34 ug/ml

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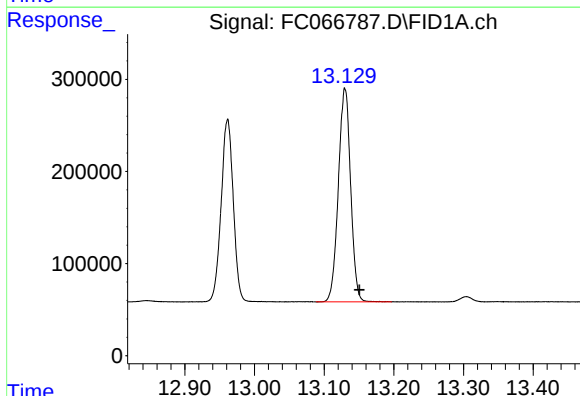
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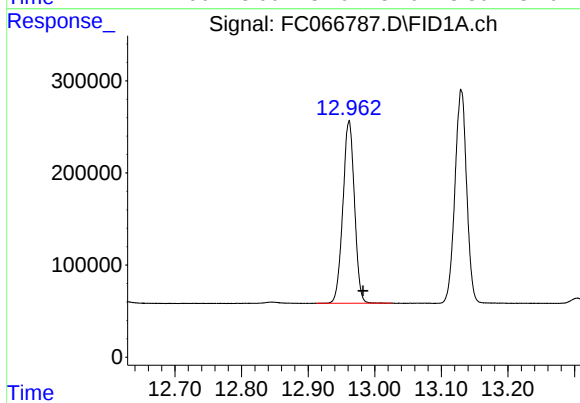
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.019 min
Response: 2926241
Conc: 18.00 ug/ml



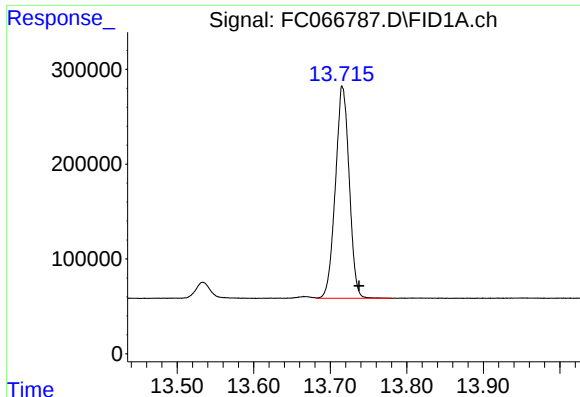
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.021 min
Response: 2841360
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.021 min
Response: 2399346
Conc: 17.39 ug/ml



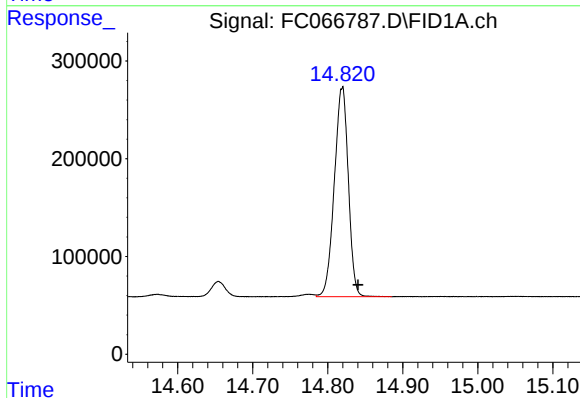
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.021 min
Response: 2810714
Conc: 17.53 ug/ml

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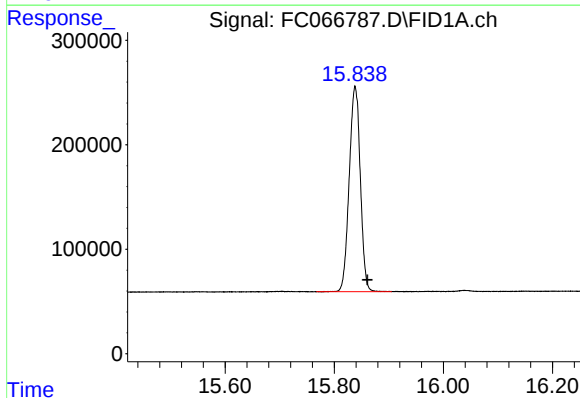
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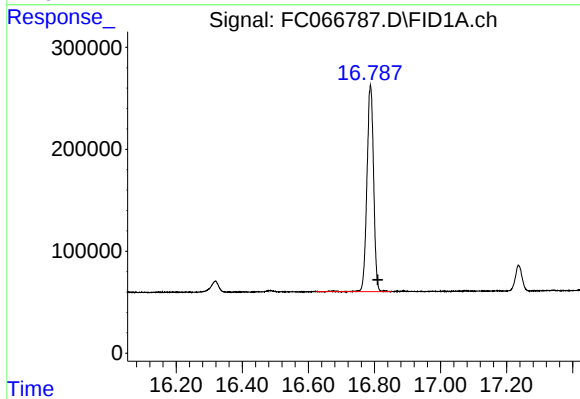
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.021 min
Response: 2781327
Conc: 17.52 ug/ml



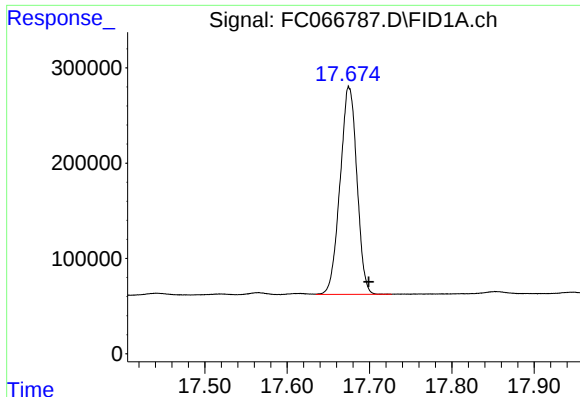
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.022 min
Response: 2770119
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: -0.023 min
Response: 2814169
Conc: 19.51 ug/ml



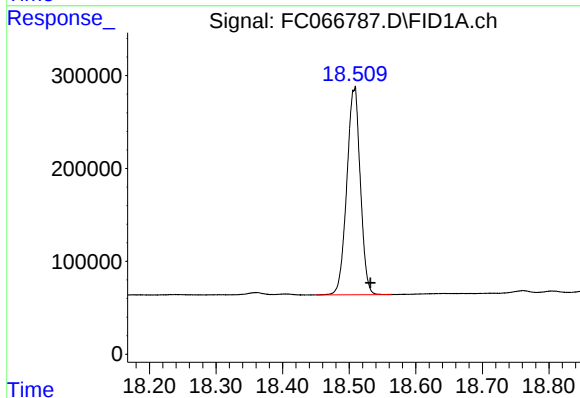
#17 n-Tricontane (C30)

R.T.: 17.675 min
Delta R.T.: -0.024 min
Response: 3090198
Conc: 22.12 ug/ml

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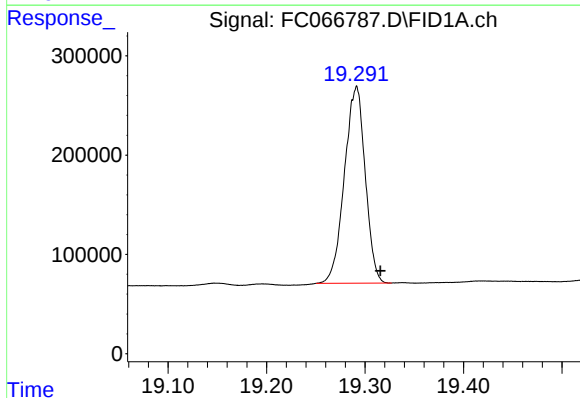
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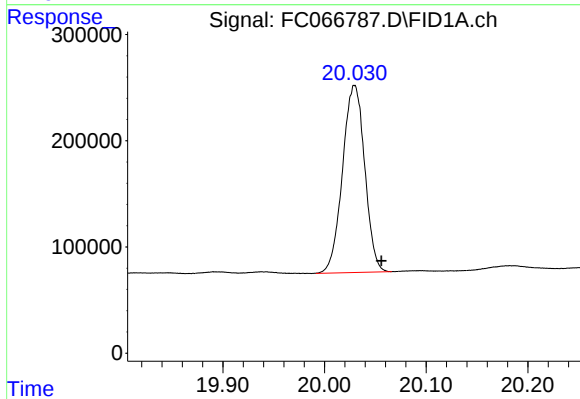
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: -0.024 min
Response: 3143876
Conc: 23.82 ug/ml



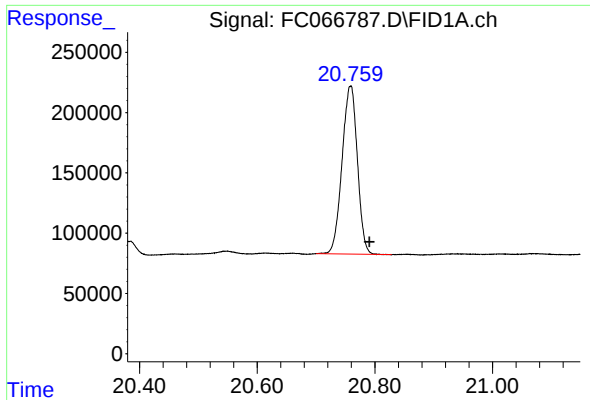
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.025 min
Response: 2906483
Conc: 23.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.030 min
Delta R.T.: -0.026 min
Response: 2676548
Conc: 22.21 ug/ml m



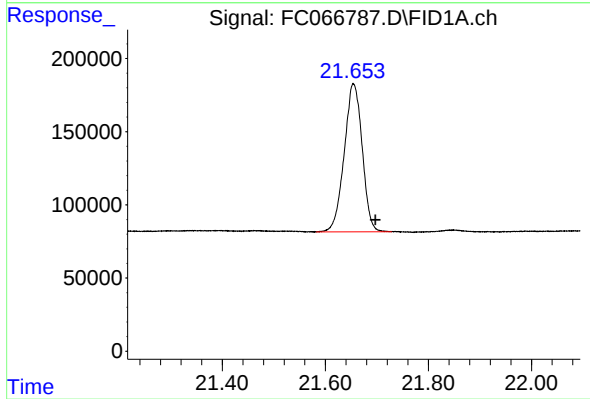
#21 n-Octatriacontane (C38)

R.T.: 20.759 min
Delta R.T.: -0.032 min
Response: 2522283
Conc: 22.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.044 min
Response: 2449845
Conc: 21.81 ug/ml m